



MAR 17 2005

## FAX TRANSMITTAL SHEET

Freescale Semiconductor, Inc.  
A Motorola Subsidiary  
Law Department  
7700 W. Parmer Lane  
MD: TX32/PL02  
Austin, TX 78729  
Telephone: (512) 996-6839  
Facsimile: (512) 996-6854

13

Number of Pages (including this page)

Date: March 17, 2005

To: Group Art Unit 2812

Location: United States Patent and Trademark Office

Fax No.: 703-872-9306

From: Pat Thomas for Robert L. King

Subject: 10/787,510 - Steimle et al.

Attny Docket No. SC13130TP

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## MESSAGE:

Enclosed herewith, please find an INFORMATION DISCLOSURE STATEMENT for filing in the below-identified application. If Applicant has overlooked any fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit 503079, Freescale Semiconductor, Inc.

## ALL ITEMS MARKED WITH AN "X" ARE INCLUDED:

|    |   |   |
|----|---|---|
| 1. | x | 1 page Facsimile Cover Sheet                |
| 2. | x | 3 page Information Disclosure Statement     |
| 3. | x | 1 page Form PTO/SB/08 with References BB-BC |

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TO THE PATENT AND TRADEMARK OFFICE:

ON: 3-17-05  
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PLEASE GIVE THESE PAPERS TO:

EXAMINER: Unknown  
GROUP ART UNIT: 2812  
SERIAL NO.: 10/787,510  
FILED: February 26, 2004  
INVENTOR: Robert F. Steimle et al.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                  |  |                 |           |
|------------------|--|-----------------|-----------|
| Applicants:      | Robert F. Steimle                                      | Group Art Unit: | 2812      |
| Application No.: | 10/787,510   | Examiner:       | Unknown   |
| Date Filed:      | February 26, 2004                                      | Docket No.:     | SC13130TP |
| Title:           | METHOD FOR REMOVING NANOCLUSTERS FROM SELECTED REGIONS |                 |           |

## Certificate of Transmission under 37 CFR 1.8

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on 3-17-05

Pat Thomas  
Signature

Pat Thomas  
Printed Name of Person Signing Certificate

## INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are being submitted herewith for consideration by the United States Patent and Trademark Office. The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. See 37 CFR 1.491(b).

I. COPIES

- a. ☒ A legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.
- b. ☐ Any patents, publications or other information which are listed on PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. §120:

U.S. Serial Number

U.S. Filing Date

II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

- a. ☒ Except as may be indicated below in (b) of this section, all of the patents, publications or other information are in the English language (concise explanation not required).
- b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. ☐ The following additional information is provided for the Examiner's consideration:

III. ☐ CROSS REFERENCE TO RELATED APPLICATION(S)

The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.

Serial No.Filing DateArt UnitFEESIV. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)

- a. ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
- c. ☒ before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required.
- d. ☐ before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.

V. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box)

before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R. §1.97(c)).

- a. ☐ No statement; therefore, charge Deposit Account 503079, Freescale Semiconductor, Inc. the fee set forth in 37 C.F.R. §1.17(p).
- b. ☐ See the statement below. No fee is required.

VI. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(d):

on or before payment of the issue fee and is accompanied by the following:

- 1) a statement under 37 C.F.R. §1.97(e) as provided below; and
- 2) charge Deposit Account 503079, Freescale Semiconductor, Inc. the petition fee set forth in §1.17(p).

VII. ☐ STATEMENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
- c. ☐ some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

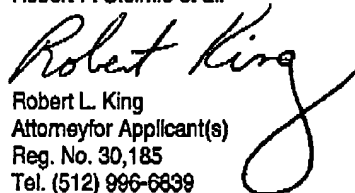
VIII. PAYMENT OF FEES

- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the above-identified fee(s).  
☐ Please charge Deposit Account No. 503079, Freescale Semiconductor, Inc. in the amount of \$180.00 for the above-indicated fee(s).  
☒ If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 503079, Freescale Semiconductor, Inc.  
☐ Two Copies of this paper are attached for Deposit Account charges and debits.

The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 503079, Freescale Semiconductor, Inc.

Respectfully submitted,  
Robert F. Steimle et al.

  
Robert L. King  
Attorney for Applicant(s)  
Reg. No. 30,185  
Tel. (512) 996-6639

FREESCALE SEMICONDUCTOR, INC.

Customer Number 23125

Enclosures:



PTO/SB/08  
References BB-BC  
Other:

☒ X

Please type a plus sign (+) inside this box.

|  |   |                          |                          |                        |           |
|--|---|--------------------------|--------------------------|------------------------|-----------|
| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   | <b>Complete if Known</b> |                          |                        |           |
|  |   | Application Number       | 10787,510                |                        |           |
|  |   | Filing Date              | February 26, 2004        |                        |           |
|  |   | First Named Inventor     | Robert F. Stelmie et al. |                        |           |
|  |   | Group Art Unit           | 2812                     |                        |           |
|  |   | Examiner Name            | Unknown                  |                        |           |
| Sheet  | 1 | of                       | 1                        | Attorney Docket Number | SC13130TP |

| U. S. PATENT DOCUMENTS |                       |                      |                                   |   |  |   |
|------------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials*     | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                        |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
|                        | BA                    | 2004/0150024         | A1                                | Mazoyer et al.                                  | 08-05-2004                                       |   |
|                        |                       |                      |                                   |   |  |   |
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|                        |                       |                      |                                   |   |  |   |
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|                        |                       |                      |                                   |   |  |   |

| FOREIGN PATENT DOCUMENTS |               |                         |                     |                                      |   |  |   |                |
|--------------------------|---------------|-------------------------|---------------------|--------------------------------------|---|--|---|----------------|
| Examiner<br>Initials*    | Cite No.<br>1 | Foreign Patent Document |                     |                                      | Name of Patentee or<br>Applicant of Cited<br>Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear | T <sup>2</sup> |
|                          |               | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>2</sup><br>(if known) |   |  |   |                |
|                          |               |                         |                     |                                      |   |  |   |                |
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|                          |               |                         |                     |                                      |   |  |   |                |
|                          |               |                         |                     |                                      |   |  |   |                |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---|-----------------------|---|----------------|
| Examiner Initials*                                | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.   | T <sup>2</sup> |
|   | BB                    | KIM, Dong-Won et al.; "Charge retention characteristics of SiGe quantum dot flash memories"; Conference Digest of 60 <sup>th</sup> Device Research Conference; 2002; 1 pg abstract & pp151-152; IEEE; USA.  |                |
|   | BC                    | ZHU, Jane G. et al; "Effects of Ion Beam Mixing on the Formation of SiGe Nanocrystals by Ion Implantation"; Proceedings of the 11 <sup>th</sup> International Conference of Ion Implantation Technology; June 16-21, 1996; 1 pg abstract & pp 690-693; IEEE; USA. |                |
|   |                       |   |                |

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English Language Translation is attached.